

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	112	382/255.ccls.	USPAT	OR	OFF	2005/05/12 10:44
S2	521	382/141.ccls.	USPAT	OR	OFF	2004/11/15 15:49
S3	27	S2 and autofocus	USPAT	OR	OFF	2004/11/15 15:49
S4	1	("5040228").PN.	USPAT; USOCR	OR	OFF	2004/11/16 08:42
S5	11	("5040228").URPN.	USPAT	OR	OFF	2004/11/16 09:00
S6	1	("5287293").PN.	USPAT; USOCR	OR	OFF	2004/11/16 09:00
S7	4	("5287293").URPN.	USPAT	OR	OFF	2004/11/16 09:00
S8	5	("3932733"   "4601057"   "4700225"   "4814889"   "4816919").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/16 09:17
S9	337	"edge density"	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/16 09:17
S10	141	S9 and automatic\$5	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/16 09:18
S11	58	S10 and focus\$5	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/16 10:07
S12	3405	autofocus	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/16 10:08
S13	3232	S12 and reference	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/16 10:08
S14	123	S12 and "reference image"	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/16 11:09
S15	136	laminograph\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/16 11:10
S16	73	S15 and focus	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/16 11:22
S17	0	S5 and "edge density"	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/16 11:22
S18	1	S15 and "edge density"	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/16 11:23
S19	0	S15 and "edge\$3"	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/16 11:23
S20	51	S15 and "edge"	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/16 11:23
S21	47	S20 and reference	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/16 11:24
S22	26	S21 and focus	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/16 13:52

## EAST Search History

S23	1	("6433325").PN.	USPAT; USOCR	OR	OFF	2004/11/16 13:52
S24	7	("4584704"   "5572359"   "5975702"   "6121616"   "6201899"   "6215586"   "6320979").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/16 13:52
S25	1	("6433325").URPN.	USPAT	OR	OFF	2004/11/16 14:49
S26	1	("6681057").PN.	USPAT; USOCR	OR	OFF	2004/11/16 14:49
S27	3	("5901199"   "6121992"   "6185402").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/16 14:49
S28	0	("6681057").URPN.	USPAT	OR	OFF	2004/11/16 15:40
S29	32782	(choos\$4 or select\$4 or determin\$4)same (reference) same (image)	USPAT	OR	OFF	2004/11/16 15:42
S30	418	S29 and autofocus	USPAT	OR	OFF	2004/11/16 15:42
S31	408	S30 and (subtract\$4 or differen\$4)	USPAT	OR	OFF	2004/11/16 15:44
S32	20	S31 and "optimum focus"	USPAT	OR	OFF	2004/11/16 17:06
S33	0	"reference image" and "edge density" and "automatic focusing" and "image difference" and "optimum position"	USPAT	OR	OFF	2004/11/16 17:07
S34	0	"reference image" and "edge density" and "automatic focusing" and "image difference"	USPAT	OR	OFF	2004/11/16 17:08
S35	3	"reference image" and "edge density" and "automatic focusing"	USPAT	OR	OFF	2004/11/17 08:07
S36	0	"reference image" and "edge density" and "automatically focusing"	USPAT	OR	OFF	2004/11/17 08:07
S37	0	"reference image" and "edge density" and "automatically focusing"	USPAT	OR	OFF	2004/11/17 08:46
S38	1	("5647025").PN.	USPAT; USOCR	OR	OFF	2004/11/17 08:46
S39	18	("3721759"   "4000417"   "4012634"   "4045772"   "4342905"   "4600832"   "4693608"   "4810869"   "4899194"   "5003165"   "5040228"   "5151609"   "5179419"   "5239170"   "5257182"   "5287272"   "5315700"   "5430288").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/17 11:56
S40	673	382/141.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/17 12:57
S41	30	S40 and autofocus	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/17 12:01
S42	7	S40 and (focus same correction)	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/17 12:26
S43	59	("2493628"   "2777058"   "2874479"   "2943564"   "3280252"   "3612753"   "3652992"   "3769455"   "3770888"   "3784739"   "3876829"   "3904816"   "3918348"   "3931570"   "3956583"   "4001495"   "4003311"   "4007362"   "4012584"   "4052739"   "4072928"   "4075662"   "4079235"   "4126821"   "4240118"   "4315285"   "4342050"   "4342052"   "4347785"   "4357633"   "4363037"   "4394693"   "4437122"   "4450486"   "4451856"   "4503468"   "4603391"   "4612584"   "4678976"   "4683499"   "4683500"   "4691229"   "4691238"   "4700235"   "4944593"   "4972323"   "5029011"   "5229861"   "5293426"   "5329215"   "5422958"   "5424845"   "5438422"   "5440398").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/17 12:17
S44	1	S40 and (focus same correction same reference)	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/17 12:28

## EAST Search History

S45	0	S40 and (autofocus same correction same reference)	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/17 12:28
S46	1	S40 and (\$5focus same correction same reference)	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/17 12:28
S47	149	382/255.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/17 12:59
S48	9	S40 and S47	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/17 12:58
S49	202	382/147.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/17 13:00
S50	0	S44 and S49	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/17 13:01
S51	41	S49 and focus	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/17 13:07
S52	300	vitesse	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/17 13:09
S53	53	vitesse.as.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/17 13:35
S54	442	382/151.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/17 13:40
S55	0	S54 and aotufocus	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/17 13:37
S56	8	S54 and autofocus	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/17 13:37
S57	44	382/148.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/17 14:28
S58	99	396/80.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/17 15:09
S59	27	348/208.12.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/17 15:24
S60	354	348/345.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/17 15:27
S61	76	S60 and autofocus	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/17 15:51
S62	64	396/82.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/17 16:03
S63	3	"6567122"	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/18 09:53
S64	1	("6567122").PN.	USPAT; USOCR	OR	OFF	2004/11/18 09:53

## EAST Search History

S65	12	("20010010543"   "20010014910"   "20010050711"   "5633678"   "5649186"   "5999207"   "6012088"   "6035323"   "6163335"   "6205485"   "6246430"   "6353848").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/18 10:21
S66	1	("5768409").PN.	USPAT; USOCR	OR	OFF	2004/11/18 10:46
S67	459	382/209.ccls.	USPAT	OR	OFF	2004/11/18 10:46
S68	1	S67 and autofocus	USPAT	OR	OFF	2004/11/18 10:50
S69	2442	autofocus	USPAT	OR	OFF	2004/11/18 10:50
S70	98	S69 and "reference image"	USPAT	OR	OFF	2004/11/18 10:51
S71	23	("4928313").URPN.	USPAT	OR	OFF	2004/11/18 11:23
S72	7	("4701859"   "4780617"   "4823012"   "4860374"   "5166754"   "5189494"   "5309197").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/18 12:45
S73	47	396/77.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/18 12:58
S74	1	("4928313").PN.	USPAT; USOCR	OR	OFF	2004/11/18 12:59
S75	1	("5495424").PN.	USPAT; USOCR	OR	OFF	2004/11/18 14:49
S76	8904	warpage	USPAT	OR	OFF	2004/11/18 14:49
S77	0	S76 and autoocus	USPAT	OR	OFF	2004/11/18 14:49
S78	17	S76 and autofocus	USPAT	OR	OFF	2004/11/18 14:55
S79	16909	warping	USPAT	OR	OFF	2004/11/18 14:55
S80	59	S79 and autofocus	USPAT	OR	OFF	2004/11/18 15:00
S81	850	"image creation"	USPAT	OR	OFF	2004/11/18 15:00
S82	13	S81 and autofocus	USPAT	OR	OFF	2004/11/18 15:01
S83	5161	"reference image"	USPAT	OR	OFF	2004/11/18 15:02
S84	131	S83 and "focused image"	USPAT	OR	OFF	2004/11/18 15:02
S85	6	S84 and "image difference"	USPAT	OR	OFF	2004/11/18 15:02
S86	2	("0259640").PN.	USPAT; USOCR	OR	OFF	2004/11/18 16:08
S87	2	("0259640").PN.	USPAT; USOCR	OR	OFF	2004/11/18 16:08
S88	9	"259640"	USPAT	OR	OFF	2004/11/18 16:11
S89	5	"259640".ap.	USPAT	OR	OFF	2004/11/18 16:12
S90	1	"259640".rian.	USPAT	OR	OFF	2004/11/19 14:44
S91	74	laminography	USPAT	OR	OFF	2004/11/19 14:44
S92	0	S91 and autofocus	USPAT	OR	OFF	2004/11/19 14:44
S93	50	S91 and focus	USPAT	OR	OFF	2004/11/19 14:44
S94	43	S93 and reference	USPAT	OR	OFF	2004/11/19 14:44
S95	5	S93 and "reference image"	USPAT	OR	OFF	2004/11/19 14:52
S96	28	"5097492"	USPAT	OR	OFF	2004/11/19 14:52
S97	12	("4766670"   "4809308"   "4852131"   "4926452"   "5081656"   "5097492"   "5164994"   "5170444"   "5291535"   "5395040"   "5455870"   "5473814").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/19 14:58

## EAST Search History

S98	54	("2319350"   "2511853"   "2667585"   "2720596"   "2890349"   "2998518"   "3091692"   "3149257"   "3742229"   "3780291"   "3832546"   "3843225"   "3894234"   "3928769"   "3962579"   "3984684"   "4002917"   "4007375"   "4032785"   "4075489"   "4107563"   "4130759"   "4139776"   "4211927"   "4228353"   "4234792"   "4260898"   "4287425"   "4340816"   "4352021"   "4385434"   "4400620"   "4414682"   "4415980"   "4426722"   "4472824"   "4481664"   "4491956"   "4516252"   "4628531"   "4688939"   "4731855"   "4803639"   "4809308"   "4852131"   "4926452").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/19 16:31
S99	1	("5719952").PN.	USPAT; USOCR	OR	OFF	2004/11/19 16:32
S10 0	15	focus\$4 same edge near density	USPAT	OR	OFF	2005/04/11 14:55
S10 1	30	focus\$4 same edge near density	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/11 15:02
S10 2	4	("3878323").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/11 15:08
S10 3	4	(determine or obtain) same number near edges and edge near density and focus\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/11 15:22
S10 4	8	("3663937"   "3668625"   "3930735"   "4214265"   "4433325"   "4490851"   "4709264"   "4847772").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/11 15:22
S10 5	13	number near edges and edge near density and focus\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/29 15:38
S10 6	7	("4272756"   "4428077"   "4819083"   "4980706"   "5018023"   "5018026"   "5222158").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/11 15:33
S10 7	119	image same focus\$4 and edge near density	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/11 15:34
S10 8	119	image same focus\$4 and edge near density	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/11 15:50
S10 9	353	edge adj density	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/11 15:50
S11 0	233	image and edge adj density	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/11 15:50
S11 1	6	image and edge adj density same focus\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/11 15:51

## EAST Search History

S11 2	36	"4404594"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/29 13:08
S11 3	0	(auto\$3 or automatically) near focus\$4 near edges near (number or count\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/29 13:10
S11 4	0	(auto\$3 or automatically) near focus\$4 near edges near (number or count\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/29 13:10
S11 5	34	(auto\$3 or automatically) near focus\$4 and edges near (number or count\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/29 13:17
S11 6	9	(auto\$3 or automatically) near focus\$4 and (high adj frequency) near (number or count\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/29 13:17
S11 7	1	(number or count) near (edges or (high adj frequency)) same optimum near focus and (automatically or auto\$4) near focus\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/29 15:40
S11 8	17250	(number or count) near (edges or (high adj frequency)) (automatically or auto\$4) near focus\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/29 15:40
S11 9	35	(number or count) near (edges or (high adj frequency)) and (automatically or auto\$4) near focus\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/27 12:06
S12 0	2506	(edges or (high adj frequency)) and (automatically or auto\$4) near focus\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/29 16:08
S12 1	119	(edges or (high adj frequency)) and (automatically or auto\$4) near focus\$4 and (optimum near focus)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/29 16:17

## EAST Search History

S12 2	2	(edges or (high adj frequency)) and (automatically or auto\$4) near focus\$4 and (optimum near focus) and ((x adj ray) or xray)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/29 16:18
S12 3	105	auto\$4 near focus\$4 and computer and edges and high near frequency	USPAT	OR	OFF	2005/05/04 17:33
S12 4	0	auto\$4 near focus\$4 and computer and edges and high near frequency and laminography	USPAT	OR	OFF	2005/05/04 17:16
S12 5	0	auto\$4 near focus\$4 and laminography	USPAT	OR	OFF	2005/05/04 17:16
S12 6	0	auto\$4 near focus\$4 and lamino neargraphy	USPAT	OR	OFF	2005/05/04 17:16
S12 7	0	auto\$4 near focus\$4 and lamino near graphy	USPAT	OR	OFF	2005/05/04 17:17
S12 8	0	auto\$4 near focus\$4 and lamino and graphy	USPAT	OR	OFF	2005/05/04 17:17
S12 9	0	auto\$4 near focus\$4 and lamino adj graphy	USPAT	OR	OFF	2005/05/04 17:17
S13 0	0	auto\$4 near focus\$4 and lamino	USPAT	OR	OFF	2005/05/04 17:17
S13 1	0	(auto\$4 or automatically) near focus\$4 and lamino	USPAT	OR	OFF	2005/05/04 17:18
S13 2	2	("4789898").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/04 17:33
S13 3	6	("4381923"   "4382665"   "4422097"   "4591919"   "4635124"   "4647979").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/04 18:23
S13 4	89	focus and laminograph\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/04 18:23
S13 5	2	(automatically or auto\$4) near focus and laminograph\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/04 18:24
S13 6	264	(automatically or auto\$4) near focus and x adj ray	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/04 18:24
S13 7	264	(automatically or auto\$4) near focus and (x adj ray)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/04 18:24
S13 8	70	(automatically or auto\$4) near focus and (x adj ray)and edges and high near frequency	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/04 18:58
S13 9	2	("4926452").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/04 19:01

## EAST Search History

S14 0	2	("5081656").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/04 19:02
S14 1	118	382/255.ccls.	USPAT	OR	OFF	2005/05/12 10:49
S14 2	20	382/255.ccls. and (auto\$6 or automatically) near focus	USPAT	OR	OFF	2005/05/12 10:49
S14 3	0	382/255.ccls. and (auto\$6 or automatically) near focus and edges near (number or count)	USPAT	OR	OFF	2005/05/12 10:48
S14 4	3	382/141.ccls. and (auto\$6 or automatically) near focus and edges near (number or count)	USPAT	OR	OFF	2005/05/12 10:49
S14 5	3	382/141.ccls. and (auto\$6 or automatically) near focus and edges near (number or count)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/12 10:49
S14 6	171	382/255.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/12 10:49
S14 7	29	382/255.ccls. and (auto\$6 or automatically) near focus	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/12 10:49
S14 8	3	(compar\$3) near image\$2 near edges and (focus\$4 same sharp\$4)	USPAT	OR	OFF	2005/10/26 15:28
S14 9	4	(compar\$3) near image\$2 near edges and (focus\$4 and sharp\$4)	USPAT	OR	OFF	2005/10/26 15:30
S15 0	4	(compar\$3) near image\$2 near edges and focus\$4 near imag\$3	USPAT	OR	OFF	2005/10/26 15:34
S15 1	3	("4988862"   "5232243"   "5330226").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/26 15:33
S15 2	16	(compar\$3) near image\$2 near (edges or (high\$2 near frequenc\$3))	USPAT	OR	OFF	2005/10/26 15:34
S15 3	12	"6075926"	USPAT	OR	OFF	2005/10/27 12:21
S15 4	1737333	edges or (high adj frequency) and (automatically or auto\$4) near focus\$4 and (DIFFERENCE or compar\$3) near6 image\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/27 12:08
S15 5	955	(edges or (high adj frequency)) and (automatically or auto\$4) near focus\$4 and (DIFFERENCE or compar\$3) near6 image\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/27 12:10



## EAST Search History

S15 6	721	(edges or (high adj frequency)) and (automatically or auto\$4) near focus\$4 and (DIFFERENCE or compar\$3) near6 image\$2 and image\$2 near6 (object\$2 or person\$2 or people\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/27 12:13
S15 7	141	(edges or (high adj frequency)) and (automatically or auto\$4) near focus\$4 and (DIFFERENCE or compar\$3) near6 image\$2 and image\$2 near6 (different or separate or other or another) near (object\$2 or person\$2 or people\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/27 12:14
S15 8	10	"5369430"	USPAT	OR	OFF	2006/05/26 18:15
S15 9	7	("4829374"   "4972311"   "5040228"   "5101277"   "5119435"   "5179419"   "5204739").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/26 18:16
S16 0	5	("3932733"   "4601057"   "4700225"   "4814889"   "4816919").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/26 18:19
S16 1	12	("3932733").URPN.	USPAT	OR	OFF	2006/05/26 18:22
S16 2	9	("5369430").URPN.	USPAT	OR	OFF	2006/05/26 18:28
S16 3	15	("4591257"   "5003339"   "5051766"   "5093716"   "5128768"   "5138357"   "5258847"   "5353089"   "5355163"   "5369430"   "5422671"   "5422673"   "5534923"   "5589911"   "5629735").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/26 18:36
S16 4	5	("4561749"   "4636624"   "4687917"   "4812869"   "4851657").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/26 18:53
S16 5	0	hild near nitsche	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/26 18:53
S16 6	1785	hild	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/26 18:53
S16 7	0	hild and nitsche	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/26 18:54
S16 8	304	focus\$3 near (auto or automatic or automating) and ((correlat\$3 or compar\$3 or match\$3) near (reference or database or template) same (image\$2 or pattern\$2))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/26 19:01
S16 9	184	focus\$3 near (auto or automatic or automating) and ((correlat\$3 or compar\$3 or match\$3) near (reference or database or template) near8 (image\$2 or pattern\$2))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/26 19:39
S17 0	20	"5843055"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/26 19:31
S17 1	7	"5544252"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/26 19:31
S17 2	8	("4002899"   "4465366"   "4832447"   "5029220"   "5040140"   "5175775"   "5216541"   "5237167").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/26 19:36
S17 3	8	"5917960"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/26 19:37

## EAST Search History

S17 4	1	"20030118245"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/26 19:37
S17 5	0	"2000216077"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/26 19:38
S17 6	24	"216077"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/26 19:38
S17 7	2	"2000216077"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/26 19:38
S17 8	193	focus\$3 near (auto or automatic or automating) and ((correlat\$3 or compar\$3 or match\$3) near (reference or database or template) near8 (image\$2 or pattern\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/30 12:21
S17 9	2	("5369430").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/30 10:46
S18 0	2	("5544252").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/30 12:46
S18 1	28436	(adjust\$4 or optimiz\$4 or determin\$4)adj2 focus\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/30 12:47
S18 2	172	(compar\$4 or correlat\$4) with pattern with (reticle or template or reference) with focus\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/30 15:26
S18 3	200	(compar\$4 or correlat\$4) with pattern\$2 with (reticle\$2 or template\$2 or reference\$2) with focus\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/30 13:32
S18 4	45	S181 and S183	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/30 12:50
S18 5	3	("5640200"   "5657235"   "5850466").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/30 12:55
S18 6	4	("6546125").URPN.	USPAT	OR	OFF	2006/05/30 12:58

## EAST Search History

S18 7	2	("5362585"   "5989764").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/30 13:00
S18 8	2	("4853745"   "5028797").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/30 13:08
S18 9	576	(compar\$4 or correlat\$4) with image\$2 with (reticle\$2 or template\$2 or reference\$2) with focus\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/30 14:22
S19 0	181	S189 and S181	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/30 13:33
S19 1	5	(compar\$4 or correlat\$4) with gating with (reticle\$2 or template\$2 or reference\$2) with focus\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/30 14:21
S19 2	374	(compar\$4 or correlat\$4) with object with (reticle\$2 or template\$2 or reference\$2) with focus\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/30 14:22
S19 3	201	S181 and S192	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/30 14:22
S19 4	20	(compar\$4 or correlat\$4) with pattern with (reticle or template or reference) with focus\$5 and (high\$2 near frequenc\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/07 19:17
S19 5	334	(compar\$4 or correlat\$4) same (pattern\$2 or image\$2 or object\$2 or scen\$3) with (reticle or template\$2 or reference or registered) with focus\$5 and (high\$2 near frequenc\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/30 15:36
S19 6	459	(compar\$4 or correlat\$4) same (pattern\$2 or image\$2 or object\$2 or scen\$3) same (reticle or template\$2 or reference or registered) with focus\$5 and (high\$2 near frequenc\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/30 15:44
S19 7	21	(compar\$4 or correlat\$4) same (pattern\$2 or image\$2 or object\$2 or scen\$3) same (reticle or template\$2 or reference or registered) with ((automatic\$4 or automatic) near focus\$5) and (high\$2 near frequenc\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/30 16:34

## EAST Search History

S19 8	3	(compar\$4 or correlat\$4) near (pattern\$2 or image\$2 or object\$2 or scen\$3) same (reticle or template\$2 or reference or registered) with ((automatic\$4 or automatic) near focus\$5) and (high\$2 near frequenc\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/30 16:34
S19 9	35	(compar\$4 or correlat\$4) near (pattern\$2 or image\$2 or object\$2 or scen\$3) same (reticle or template\$2 or reference or registered) with focus\$5 and (high\$2 near frequenc\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/30 16:35
S20 0	0	yaroslavy and leonid	USPAT	OR	OFF	2006/06/01 19:49
S20 1	0	yaroslavy	USPAT	OR	OFF	2006/06/01 19:49
S20 2	0	(compar\$4 or correlat\$4) with pattern with (reticle or template or reference) with focus\$5 and (high\$2 near frequenc\$3) and database	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/07 19:17
S20 3	21	(compar\$4 or correlat\$4) with pattern with (reticle or template or reference) with focus\$5 and (high\$2 near frequenc\$3) and images	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/07 19:17
S20 4	41	(compar\$4 or correlat\$4) near (pattern\$2 or image\$2 or object\$2 or scen\$3) same (reticle or template\$2 or reference or registered) with focus\$5 and (high\$2 near frequenc\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/07 19:22
S20 5	3	(compar\$4 or correlat\$4) near (pattern\$2 or image\$2 or object\$2 or scen\$3) same (reticle or template\$2 or reference or registered) with ((automatic\$4 or automatic) near focus\$5) and (high\$2 near frequenc\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/07 19:24